

LAND APPLICATION SITE

HERMAN W. HARRISON

DWHWH 1 - 16

DINWIDDIE COUNTY

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS**

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

A. This land application agreement is made on 2-14-20 between Herman Harrison referred to here as "Landowner", and Recyc Systems, Inc. referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

Landowner:

The Landowner is the owner of record of the real property located in Dinwiddie, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) with county documentation identifying owners, attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges			
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
<u>16-55</u>	<u>17-15</u>	<u>69-22A</u>	
<u>16-38</u>	<u>16-37A</u>		
<u>17-14</u>	<u>16-37</u>		
<u>17-6</u>	<u>69-22</u>		

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one: ☒ The Landowner is the sole owner of the properties identified herein.
☒ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

<u>Class B biosolids</u>	<u>Water treatment residuals</u>	<u>Food processing waste</u>	<u>Other industrial sludges</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Printed name <u>HERMAN W HARRISON</u>	Mailing Address <u>17407 Boylston Circle NE North Potomac, VA 23067</u>	Landowner Signature <u>X Herman W. Harrison</u>
By: <u>Herman W. Harrison</u>	Phone No. <u>691-7278</u>	
Title* _____		
<input type="checkbox"/> I certify that I have authority to sign for the landowner as indicated by my title as executor, Trustee or Power of attorney, etc. <input type="checkbox"/> I certify that I am a responsible official [or officer] authorized to act on behalf of the following corporation, partnership, proprietorship, LLC, municipality, state or federal agency, etc.		

Permittee:

Recyc Systems, Inc., the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

Printed name <u>Susan Trumbo</u>	Mailing Address <u>PO Box 562, Remington Virginia 22734</u>	Permittee- Authorized Representative Signature <u>Susan Trumbo</u>
Title <u>Technical Manager</u>	Phone No. <u>540-547-3300</u>	

Permittee: Recyc Systems, Inc

County or City: Dinwiddie

Landowner: Hermon Harrison

Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. Public Access
 - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
 - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
 - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
 - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
 - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
 - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
 - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
 - e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

 - a. Meat producing livestock shall not be grazed for 30 days,
 - b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
 - c. Other animals shall be restricted from grazing for 30 days;
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Hermon V Harrison
Landowner's Signature

2-14-20
Date

Hermon V Harrison
Operator's Signature

7407 Boydton Plank Rd.
N. Dinwiddie, VA 23803
691-1278
mailing address & phone

2-14-20
Date

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS**

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

A. This land application agreement is made on 2-4-14 between Frances R. Harrison referred to here as "Landowner", and Recyc Systems, Inc, referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

Landowner:

The Landowner is the owner of record of the real property located in Dinwiddie Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges

<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>
16-37	17-15		
16-37A	17-14		
16-38			
16-55			
17-6			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one:

- ☐ The Landowner is the sole owner of the properties identified herein.
☒ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

Class B biosolids

☒ Yes ☐ No

Water treatment residuals

☒ Yes ☐ No

Food processing waste

☒ Yes ☐ No

Other industrial sludges

☒ Yes ☐ No

Landowner - Printed Name, Title

Signature

Mailing Address & Phone Number

Permittee:

Recyc Systems, Inc., the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Permittee - Authorized Representative
Printed Name

Signature

PO Box 562 Remington, Virginia 22734

Mailing Address

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Recyc Systems, Inc County or City: Dinwiddie

Landowner: Frances R. Harrison

Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. Public Access
 - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
 - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
 - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
 - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
 - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
 - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
 - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
 - e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

 - a. Meat producing livestock shall not be grazed for 30 days,
 - b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
 - c. Other animals shall be restricted from grazing for 30 days;
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Frances R. Harrison
Landowner's Signature

2-4-14
Date

Farm Operator Signature

Mailing Address & Phone Number

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS**

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

A. This land application agreement is made on 2-14-20 between Dinwiddie Tractor & Equipment referred to here as "Landowner", and Recyc Systems, Inc. referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

Landowner:

The Landowner is the owner of record of the real property located in Dinwiddie Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) with county documentation identifying owners, attached as Exhibit A.

Table 1: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges			
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
<u>60-7</u>			
<u>59-28</u>			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one: ☒ The Landowner is the sole owner of the properties identified herein.
☐ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

<u>Class B biosolids</u>	<u>Water treatment residuals</u>	<u>Food processing waste</u>	<u>Other industrial sludges</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Printed name <u>Dinwiddie Tractor & Equipment</u>	Mailing Address <u>7407 Bayden Plank Rd</u>	Landowner Signature <u>Herman Harrison</u>
By: <u>Herman Harrison</u>	<u>N. Dinwiddie, Va. 23803</u>	
Title* <u>owner</u>	Phone No. <u>804-691-7278</u>	
<input type="checkbox"/> I certify that I have authority to sign for the landowner as indicated by my title as executor, Trustee or Power of attorney, etc. <input checked="" type="checkbox"/> I certify that I am a responsible official [or officer] authorized to act on behalf of the following corporation, partnership, proprietorship, LLC, municipality, state or federal agency, etc.		

Permittee:

Recyc Systems, Inc., the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

Printed name <u>Susan Trumbo</u>	Mailing Address <u>PO Box 562, Remington Virginia 22734</u>	Permittee- Authorized Representative Signature <u>[Signature]</u>
Title <u>Technical Manager</u>	Phone No. <u>540-547-3300</u>	

Permittee: Recyc Systems, Inc County or City: Dinwiddie
Landowner: Herman W. Harrison

Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. Public Access
 - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
 - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
 - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
 - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
 - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil.
 - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
 - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
 - e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

 - a. Meat producing livestock shall not be grazed for 30 days.
 - b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
 - c. Other animals shall be restricted from grazing for 30 days;
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Herman W. Harrison 2-14-20
Landowner's Signature Date

Same as above 2-14-20
Operator's Signature mailing address & phone Date
7407 Boynton Plank Rd.
N. Dinwiddie, VA 23803
804-691-7278

Landowner Coordination Form

Permittee: Recyc Systems, Inc.

County or City: Dinwiddie County

Signature not required on this page

[illegible]

FARM DATA SHEET

SITE NAME:	Herman W. Harrison	COUNTY:	Dinwiddie
OWNER:	Herman W. and Frances R. Harrison; Dinwiddie Tractor and Equipment Inc. (Herman Harrison Owner)	OPERATOR:	Herman W. Harrison
OWNER'S ADDRESS:	7407 Boydton Plank Rd. N. Dinwiddie, VA 23803	OPERATOR'S ADDRESS:	7407 Boydton Plank Rd. N. Dinwiddie, VA 23803
OWNER'S TELEPHONE:	804-265-5040	OPERATOR'S TELEPHONE:	804-265-5040 (Home)
GENERAL FARM TYPE:	Hay/ Pasture/ Row Crop	CELL PHONE:	804-691-7278
# CATTLE:	50	EMAIL:	-
LAGOON or SLURRY:	None	LATITUDE:	F 1-7 37.178 F 8-10 37.075 F 11-16 37.000
TOPO QUAD:	Church Road, Dinwiddie, Carson, Dewitt, McKenney	LONGITUDE:	F 1-7 -77.665 F 8-10 -77.494 F 11-16 -77.635
COMMENTS:	METHOD OF DETERMINATION: Online Maps		

BB/AB
8-7-20

FIELD CHANGES
HERMAN W. HARRISON
DINWIDDIE COUNTY

NEW FIELD 1 IS OLD FIELD 2 IN THE HERMAN HARRISON BOOK.

NEW FIELD 2 IS PART OF OLD FIELD 4 IN THE HERMAN HARRISON BOOK.

NEW FIELD 3 IS PART OF OLD FIELD 4 IN THE HERMAN HARRISON BOOK.

NEW FIELD 4 IS PART OF OLD FIELD 3 IN THE HERMAN HARRISON BOOK.

NEW FIELD 5 IS PART OF OLD FIELD 3 IN THE HERMAN HARRISON BOOK.

NEW FIELD 6 IS OLD FIELD 1 IN THE HERMAN HARRISON BOOK.

NEW FIELD 7 IS OLD FIELD 5 IN THE HERMAN HARRISON BOOK.

NEW FIELD 8 IS PART OF OLD FIELD 3 IN THE OLD CHARLES EPPS BOOK.

NEW FIELD 9 IS PART OF OLD FIELD 3 IN THE OLD CHARLES EPPS BOOK.

NEW FIELD 10 IS OLD FIELD 4 IN THE OLD CHARLES EPPS BOOK.

NEW FIELD 11 IS PART OF OLD FIELD 1 IN THE OLD JAMES MCFALLS BOOK.

NEW FIELD 12 IS PART OF OLD FIELD 1 IN THE OLD JAMES MCFALLS BOOK.

**NEW FIELD 13 IS PART OF OLD FIELDS 1 AND 2 IN THE OLD JAMES MCFALLS
BOOK.**

NEW FIELD 14 IS PART OF OLD FIELD 2 IN THE OLD JAMES MCFALLS BOOK.

NEW FIELD 15 IS PART OF OLD FIELD 2 IN THE OLD JAMES MCFALLS BOOK.

NEW FIELD 16 IS A NEW FIELD.

RECYC SYSTEMS, INC

FIELD DATA SHEET

Field Identification	Gross Acres	Environmentally Sensitive Soils				Hydro Map	Tax Map #	FSA Tract #
		Water Table	Bed Rock/ Shallow	Surf/ Leach	Freq Flood			
DWHWH 1N	25.6	-	-	-	-	JA 38	16-38	T 1709 F 2
DWHWH 2N	5.7	-	-	-	-	JA 38	17-14 17-6 17-15	T 1647 F 4
DWHWH 3N	4.9	-	-	-	-	JA 38	17-14 17-15	T 1647 F 4
DWHWH 4N	18.2	-	-	-	-	JA 38	17-14	T 1647 F 1
DWHWH 5N	11.2	-	-	-	-	JA 38	17-14	T 1647 F 1
DWHWH 6	13.1	-	-	-	-	JA 38	16-38	T 1709 F 1, 2
DWHWH 7	27.5	-	-	-	-	JA 38	16-55	T 1647 F None T 1709 F None
DWHWH 8	7.6	-	-	-	-	CU 28	59-28 60-7	T 2111 F 4
DWHWH 9	7.8	12A Dec.-Mar. 12B Dec.-Mar.	-	-	-	CU 28	59-28	T 3195 F 2, 3
DWHWH 10	18.0	12A Dec.-Mar. 12B Dec.-Mar. 12C Dec.-Mar.	-	-	-	CU 28	59-28	T 3195 F 1 T 2111 F 1

3-3-21

DWHWH 11	3.8	-	-	-	-	CU 23	69-22	T 669 F 3, 10
DWHWH 12	14.6	-	-	-	-	CU 23	69-22	T 669 F 4
DWHWH 13	11.6	-	-	-	-	CU 23	69-22 69-22A	T 669 F 2, 5
DWHWH 14	10.4	-	-	-	-	CU 23	69-22	T 669 F 6, 7
DWHWH 15	14.2	9B Jan.-Apr.	-	-	-	CU 23	69-22	T 669 F 6, 8, 9
DWHWH 16	4.7	-	-	-	-	CU 23	69-22	T 669 F None
TOTAL ACRES IN SITE	198.9							

3-3-21

THE PLANNER IS NOT STATE CERTIFIED

Nutrient Management Plan Balance Sheet
(Fall, 2020-Winter, 2022)
Herman W. Harrison
Planner: John Doe

Tract: 669

Location: Dinwiddie

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
3, 10/DWHWH 11(N)	4/4	2020	Fescue grass hay mt.	90-80-170	0/0				90-80-170	N/A			
4/DWHWH 12(N)	15/15	2020	Fescue grass hay mt.	90-80-170	0/0				90-80-170	N/A			
2, 5/DWHWH 13(N)	12/12	2020	Fescue grass hay mt.	90-80-170	0/0				90-80-170	N/A			
6, 7/DWHWH 14(N)	10/10	2020	Fescue grass hay mt.	90-80-170	0/0				90-80-170	N/A			
6, 8, 9/DWHWH 15(N)	14/14	2020	Fescue grass hay mt.	70-50-95	0/0				70-50-95	N/A			
NONE/DWHWH 16(N)	5/5	2020	Fescue grass hay mt.	70-50-95	0/0				70-50-95	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 1647

Location: Dinwiddie

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
4/DWHWH 2(N)	6/6	2020	Grass Pasture	50-30-40	0/0				50-30-40	N/A			
4/DWHWH 3(N)	5/5	2020	Grass Pasture	50-30-40	0/0				50-30-40	N/A			
1/DWHWH 4(N)	18/18	2020	Grass Pasture	50-30-40	0/0				50-30-40	N/A			
1/DWHWH 5(N)	11/11	2020	Grass Pasture	50-30-40	0/0				50-30-40	N/A			
NONE/DWHWH 7(N)	28/28	2020	Grass Pasture	50-30-40	0/0				50-30-40	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 1709

Location: Dinwiddie

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
2/DWHWH 1(N)	26/26	2020	Grass Pasture	50-30-40	0/0				50-30-40	N/A			
1, 2/DWHWH 6(N)	13/13	2020	Grass Pasture	50-30-40	0/0				50-30-40	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 2111

Location: Dinwiddie

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
4/DWHWH 8(N)	8/8	2020 2021	Wheat (grain)	100-60-60 -- -- --	20/0				80-60-60	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 3195

Location: Dinwiddie

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
2, 3/DWHWH 9(N)	8/8	2020 2021	Wheat (grain)	100-60-60 --- --	20/0				80-60-60	N/A			
1/DWHWH 10(N)	18/18	2020 2021	Wheat (grain)	100-60-60 --- --	20/0				80-60-60	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Soil Test Summary

Tract	Field	Acre	Date	P2O5	K2O	Lab	Soil pH	Lime Date	rec. lime tons/Ac
669	DWHWH 11	4	[No Test]						
669	DWHWH 12	15	[No Test]						
669	DWHWH 13	12	[No Test]						
669	DWHWH 14	10	[No Test]						
669	DWHWH 15	14	[No Test]						
669	DWHWH 16	5	[No Test]						
1647	DWHWH 2	6	[No Test]						
1647	DWHWH 3	5	[No Test]						
1647	DWHWH 4	18	[No Test]						
1647	DWHWH 5	11	[No Test]						
1647	DWHWH 7	28	[No Test]						
1709	DWHWH 1	26	[No Test]						
1709	DWHWH 6	13	[No Test]						
2111	DWHWH 8	8	[No Test]						
3195	DWHWH 9	8	[No Test]						
3195	DWHWH 10	18	[No Test]						

Field Productivities for Major Crops

Tract Name	Tract/ Field	Field Name	Acres	Predominant Soil Series	Corn	Small Grain	Alfalfa	Grass Hay	Environmental Warnings
669	669/3, 10	DWHWH 11	4	Georgeville	IVa	II	III	II	
	669/4	DWHWH 12	15	Georgeville	IVa	II	III	II	
	669/2, 5	DWHWH 13	12	Georgeville	IVa	II	III	II	
	669/6, 7	DWHWH 14	10	Georgeville	IVa	II	III	II	
	669/6, 8, 9	DWHWH 15	14	Georgeville	IVa	II	III	III	
	669/NON E	DWHWH 16	5	Herndon	IVa	II	III	III	
1647	1647/4	DWHWH 2	6	Appling	IVa	II	III	III	
	1647/4	DWHWH 3	5	Appling	IVa	II	III	III	
	1647/1	DWHWH 4	18	Appling	IVa	II	III	III	
	1647/1	DWHWH 5	11	Appling	IVa	II	III	III	
	1647/NO NE	DWHWH 7	28	Appling	IVa	II	III	III	
1709	1709/2	DWHWH 1	26	Appling	IVa	II	III	III	
	1709/1, 2	DWHWH 6	13	Appling	IVa	II	III	III	
2111	2111/4	DWHWH 8	8	Emporia	IIIa	II	III	II	
3195	3195/2, 3	DWHWH 9	8	Mattaponi	IIIa	II	III	II	
	3195/1	DWHWH 10	18	Mattaponi	IIIa	II	III	II	

Yield Range

Field Productivity Group	Corn Grain Bu/Acre	Barley/Intensive Wheat Bu/Acre	Std. Wheat Bu/Acre	Alfalfa Tons/Acre	Grass/Hay Tons/Acre
I	>170	>80	>64	>6	>4.0
II	150-170	70-80	56-64	4-6	3.5-4.0
III	130-150	60-70	48-56	<4	3.0-3.5
IV	100-130	50-60	40-48	NA	<3.0
V	<100	<50	<40	NA	NA

Farm Summary Report

Plan: **New Plan** **Fall, 2020 - Winter, 2022**

Farm Name: **Herman W. Harrison**

Location: Dinwiddie

Specialist: John Doe

N-based Acres: 198.9

P-based Acres: 0.0

Tract Name: **669**

FSA Number: 669

Location: Dinwiddie

Field Name: **DWHWH 11**

Total Acres: 3.80 Usable Acres: 3.80

FSA Number: 3, 10

Tract: 669

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
---------	--------	-------------

15	10B	Herndon
85	8B	Georgeville

Field Warnings:

Field Name: DWHWH 12
Total Acres: 14.60 Usable Acres: 14.60
FSA Number: 4
Tract: 669
Location: Dinwiddie
Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
98	8B	Georgeville
2	10B	Herndon

Field Warnings:

Field Name: DWHWH 13
Total Acres: 11.60 Usable Acres: 11.60
FSA Number: 2, 5
Tract: 669
Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
17	10B	Herndon
83	8B	Georgeville

Field Warnings:

Field Name: DWHWH 14

Total Acres: 10.40 Usable Acres: 10.40

FSA Number: 6, 7

Tract: 669

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
	[NO TEST]			

Soils:

PERCENT	SYMBOL	SOIL SERIES
85	8B	Georgeville
15	10B	Herndon

Field Warnings:

Field Name: DWHWH 15

Total Acres: 14.20 Usable Acres: 14.20

FSA Number: 6, 8, 9

Tract: 669

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
	[NO TEST]			

Soils:

PERCENT	SYMBOL	SOIL SERIES
---------	--------	-------------

47	10B	Herndon
49	8B	Georgeville
3	9B	Helena

Field Warnings:

Field Name: DWHWH 16

Total Acres: 4.70 Usable Acres: 4.70

FSA Number: NONE

Tract: 669

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
100	10B	Herndon

Field Warnings:

Tract Name: 1647

FSA Number: 1647

Location: Dinwiddie

Field Name: DWHWH 2

Total Acres: 5.70 Usable Acres: 5.70
FSA Number: 4
Tract: 1647
Location: Dinwiddie
Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
100	2B Appling	

Field Warnings:

Field Name: DWHWH 3

Total Acres: 4.90 Usable Acres: 4.90
FSA Number: 4
Tract: 1647
Location: Dinwiddie
Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
59	2B	Appling
41	2C	Appling

Field Warnings:

Field Name: DWHWH 4

Total Acres: 18.20 Usable Acres: 18.20

FSA Number: 1

Tract: 1647

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
93	2B	Appling
7	2C	Appling

Field Warnings:**Field Name: DWHWH 5**

Total Acres: 11.20 Usable Acres: 11.20

FSA Number: 1

Tract: 1647

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
20	2C	Appling
80	2B	Appling

Field Warnings:**Field Name: DWHWH 7**

Total Acres: 27.50 Usable Acres: 27.50

FSA Number: NONE
Tract: 1647
Location: Dinwiddie
Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
	[NO TEST]			

Soils:

PERCENT	SYMBOL	SOIL SERIES
41	2C	Appling
35	2B	Appling
24	4B	Cecil

Field Warnings:

Tract Name: 1709
FSA Number: 1709
Location: Dinwiddie

Field Name: DWHWH 1
Total Acres: 25.60 Usable Acres: 25.60
FSA Number: 2
Tract: 1709
Location: Dinwiddie
Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
	[NO TEST]			

Soils:

PERCENT	SYMBOL	SOIL SERIES
90	2B	Appling
10	2C	Appling

Field Warnings:

Field Name: DWHWH 6

Total Acres: 13.10 Usable Acres: 13.10

FSA Number: 1, 2

Tract: 1709

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
61	2B	Appling
39	2C	Appling

Field Warnings:**Tract Name: 2111**

FSA Number: 2111

Location: Dinwiddie

Field Name: DWHWH 8

Total Acres: 7.60 Usable Acres: 7.60

FSA Number: 4

Tract: 2111

Location: Dinwiddie

Slope Class: A Hydrologic Group: C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
99	5A	Emporia

1 5B Emporia

Field Warnings:

Tract Name: **3195**

FSA Number: 3195

Location: Dinwiddie

Field Name: **DWHWH 9**

Total Acres: 7.80 Usable Acres: 7.80

FSA Number: 2, 3

Tract: 3195

Location: Dinwiddie

Slope Class: B Hydrologic Group: C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
	[NO TEST]			

Soils:

PERCENT	SYMBOL	SOIL SERIES
33	5A	Emporia
18	12A	Mattaponi
49	12B	Mattaponi

Field Warnings:

Field Name: **DWHWH 10**

Total Acres: 18.00 Usable Acres: 18.00

FSA Number: 1

Tract: 3195

Location: Dinwiddie
Slope Class: B Hydrologic Group: C

Riparian buffer width: 0 ft
Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

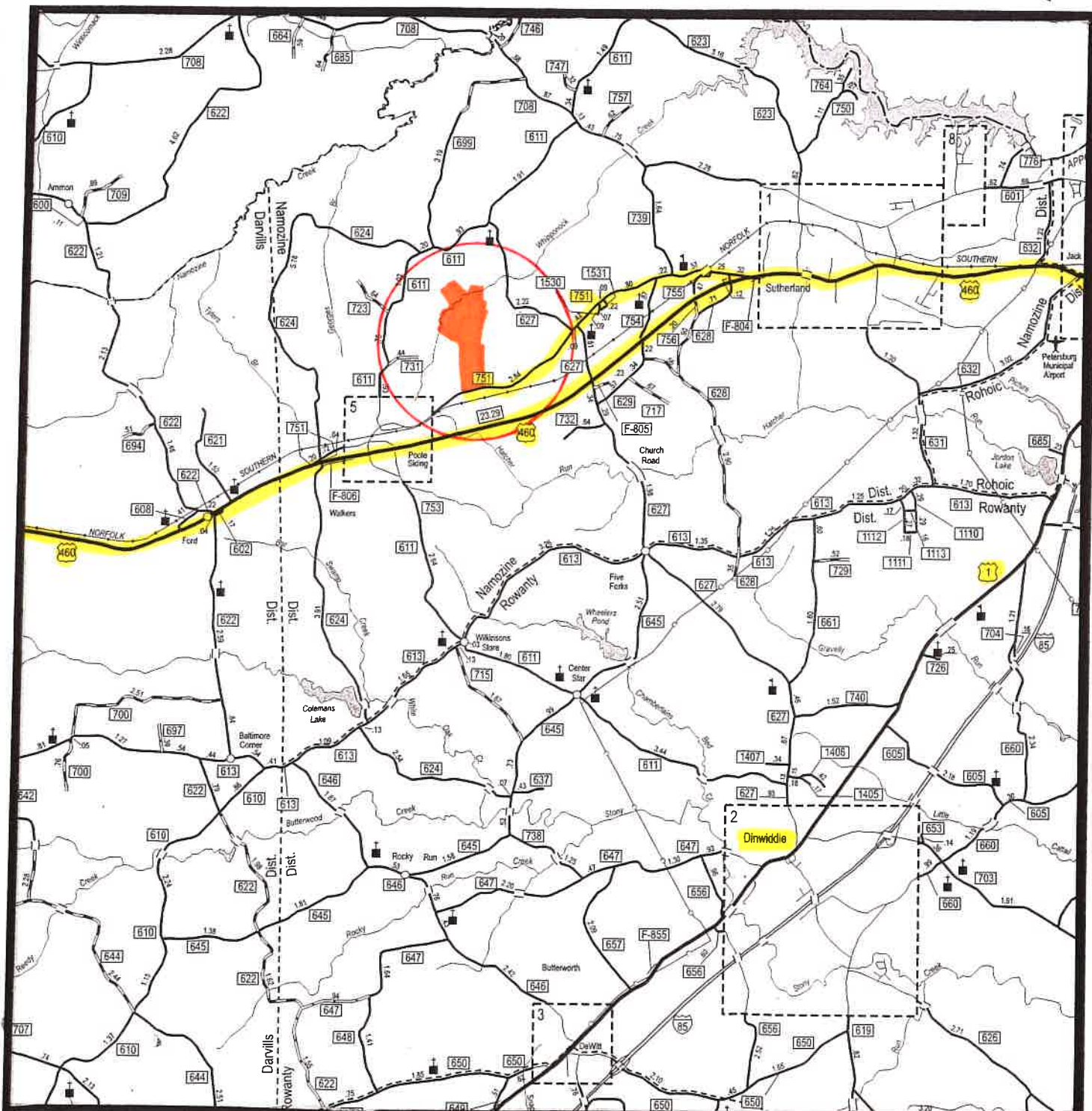
PERCENT	SYMBOL	SOIL SERIES
15	12A	Mattaponi
40	12B	Mattaponi
29	12C	Mattaponi
14	5A	Emporia
2	5B	Emporia

Field Warnings:

MAPS

Recyc SystemsTM Inc.

(Biosolids Land Application)



Scale:

1" = 2 miles

DWHWH 1-7

Truck
Route

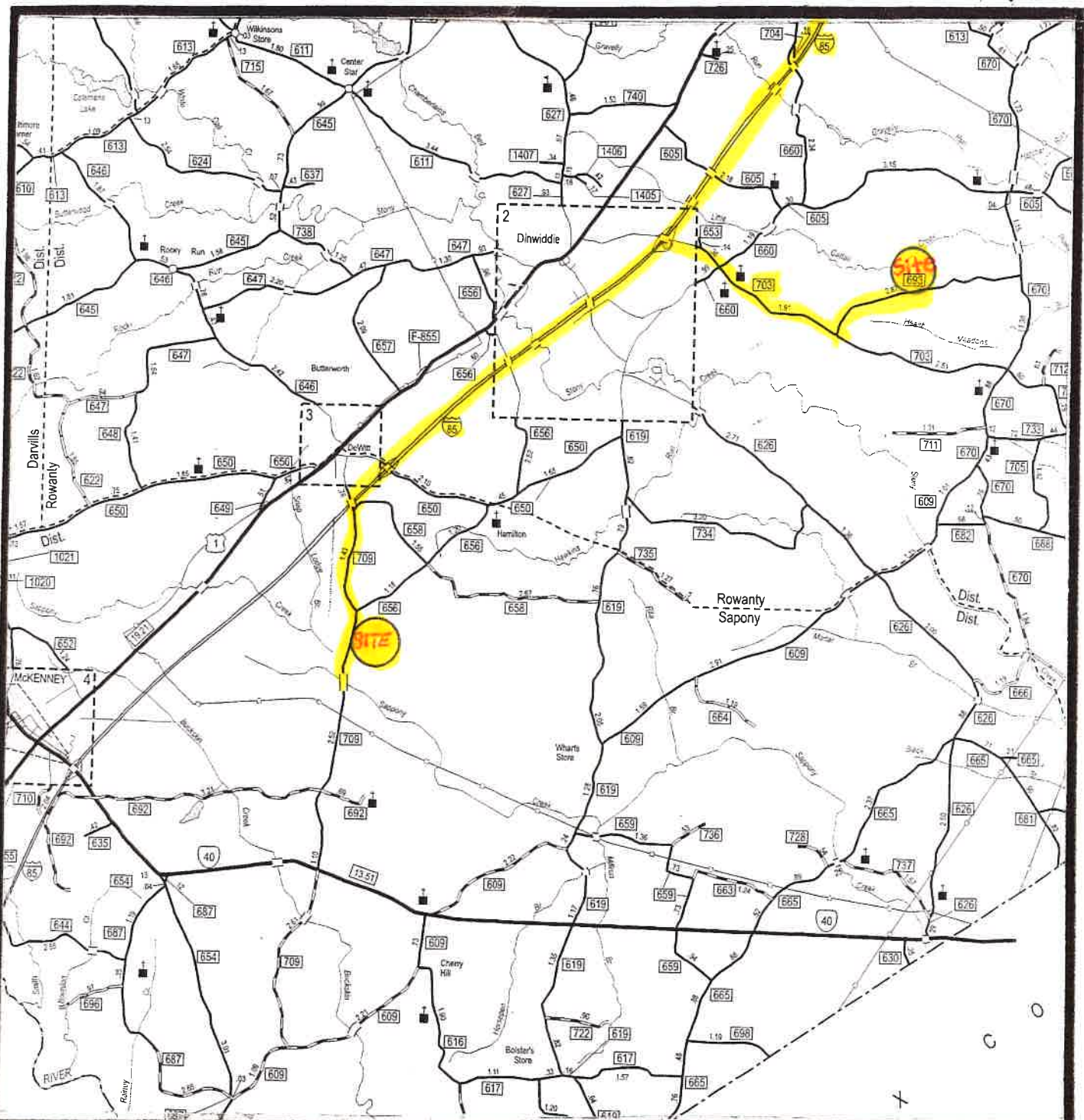
8-7-20

VICINITY MAP



Recyc SystemsTM Inc.

(Biosolids Land Application)



Scale: 1 inch = 2 miles

DWHWH B-16

Truch
Thoute

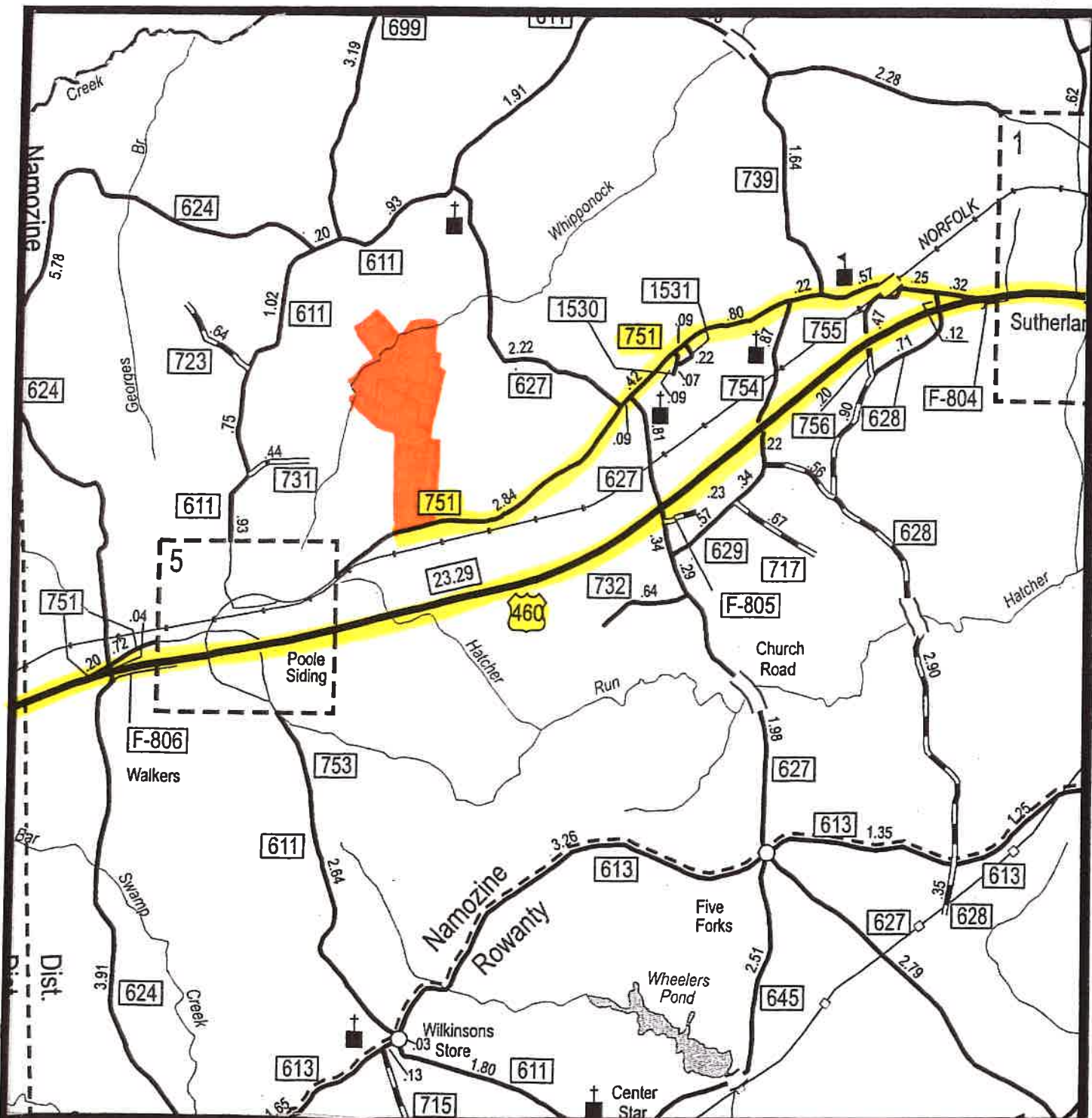
8-7-20

VICINITY MAP



Inc.

(Biosolids Land Application)



Scale: 1" = 1 mile

DWHWH 1-7

Touch Route

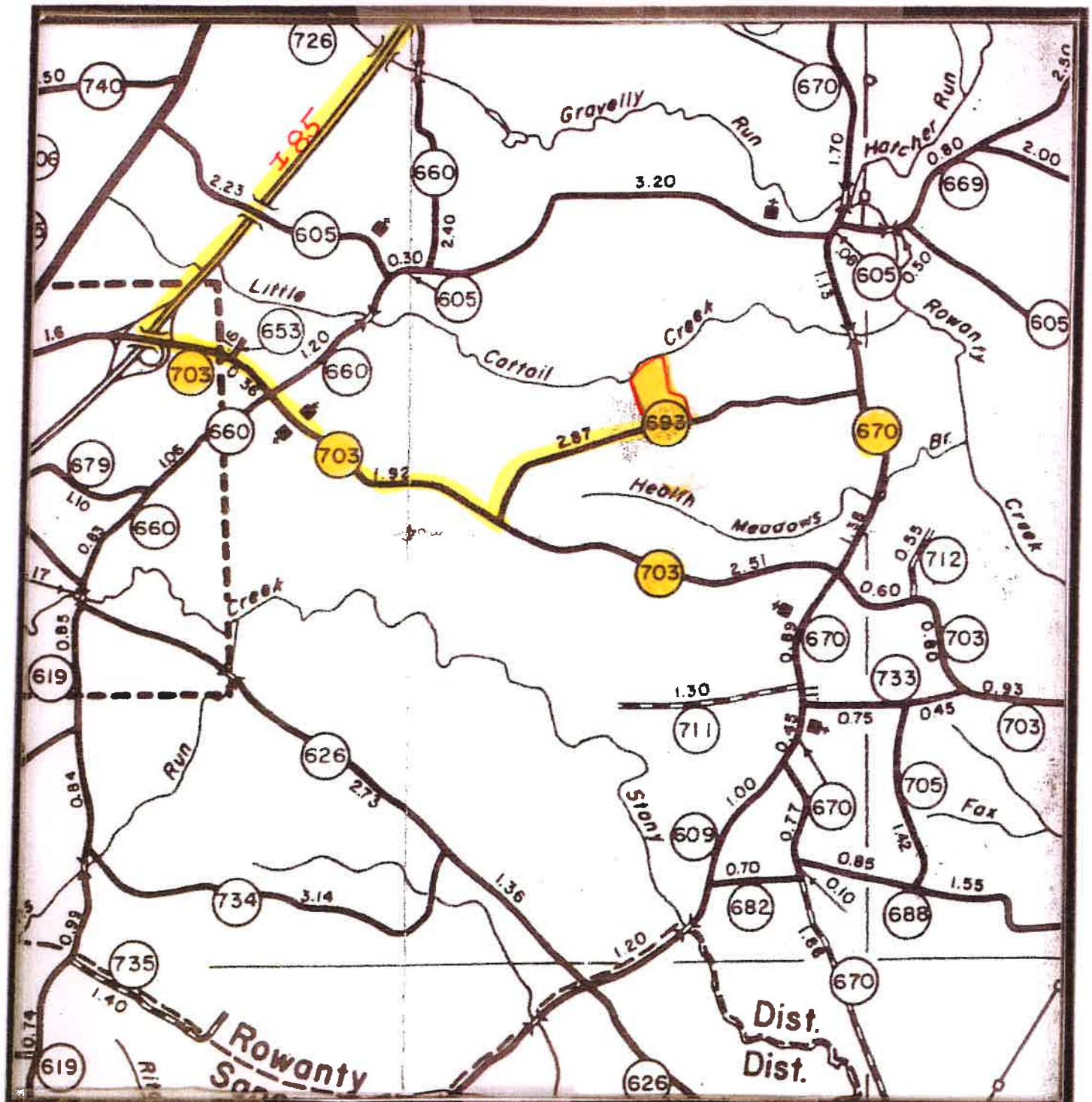
8-7-20

VICINITY MAP



Recyc SystemsTM Inc.

(Biosolids Land Application)



Scale: 1 inch = 1 mile

DW_{HWH} 8-10

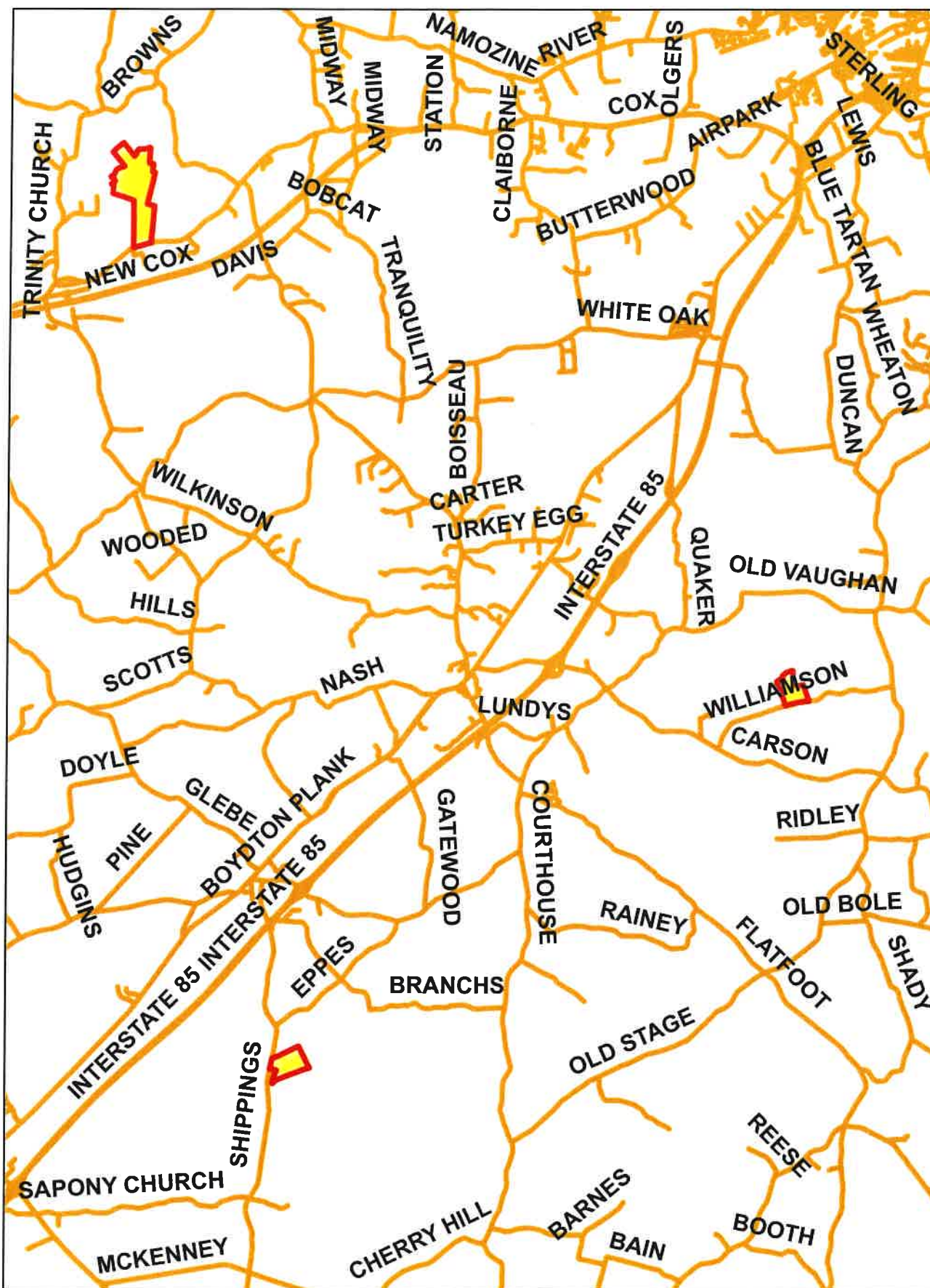
Truck
Route

8-7-20

VICINITY MAP



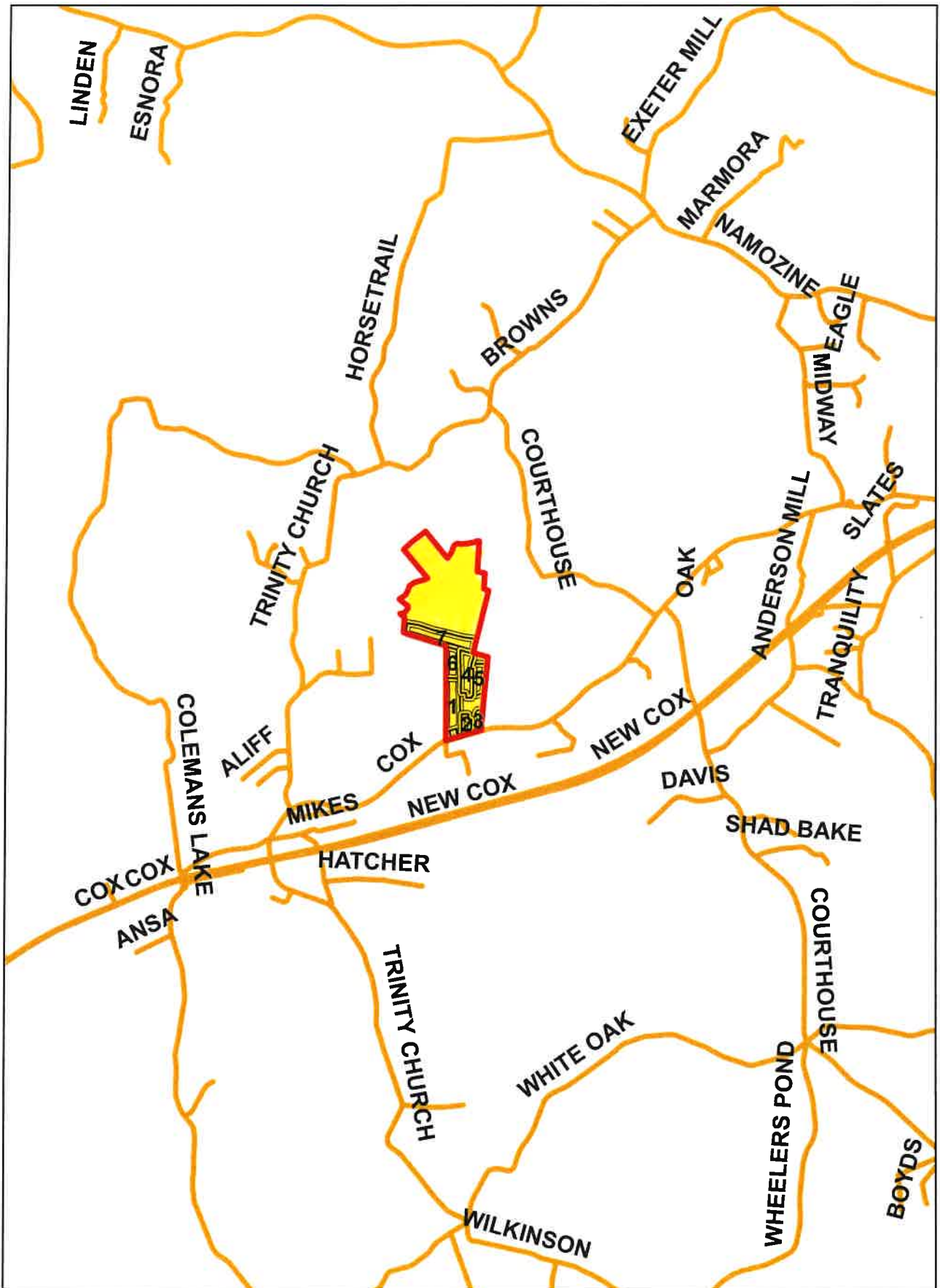




8-7-20

Vicinity Map

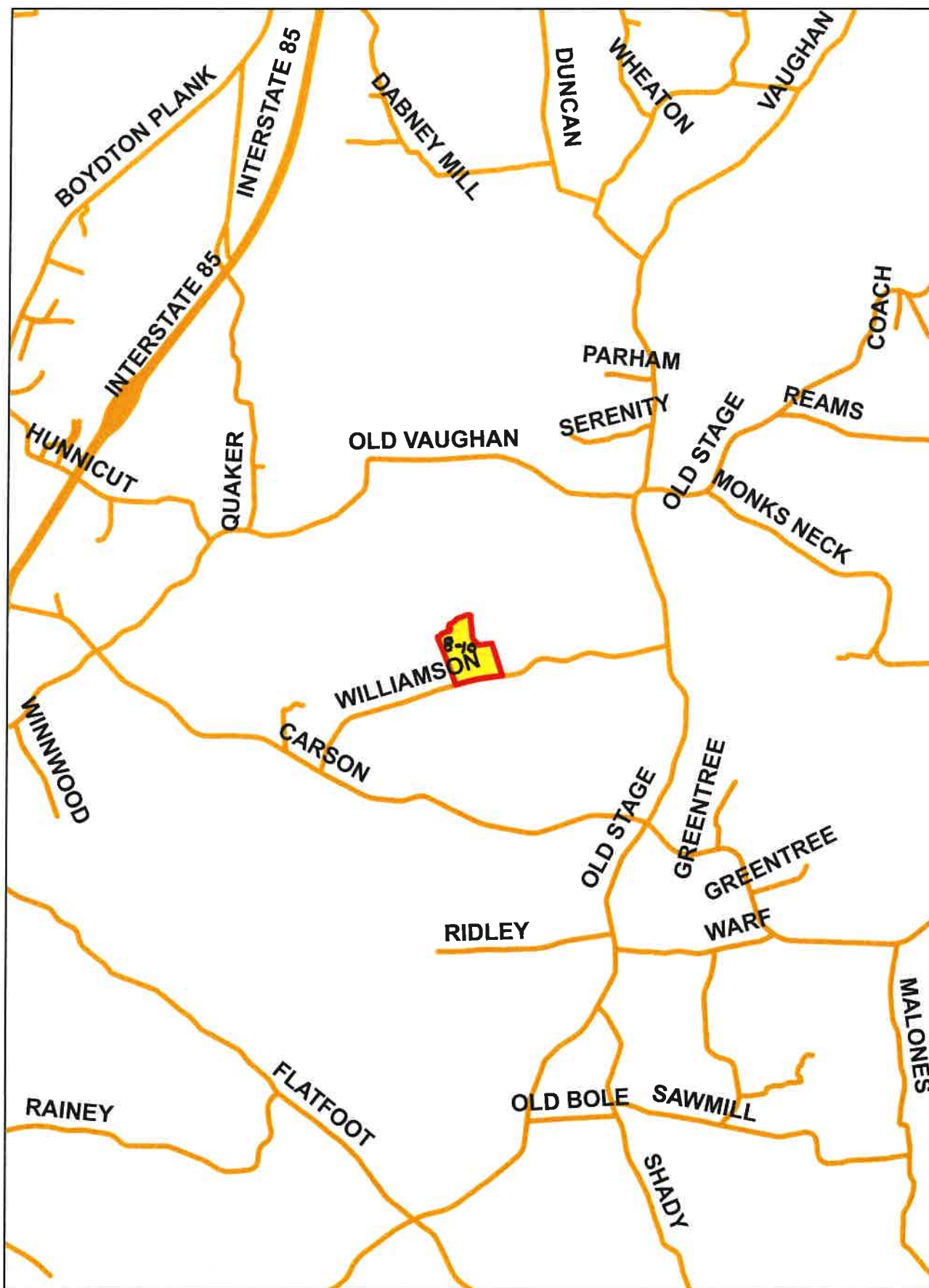
1 in = 2 miles



8-7-20

Vicinity Map

1 in = 1 miles



8-7-20

Vicinity Map

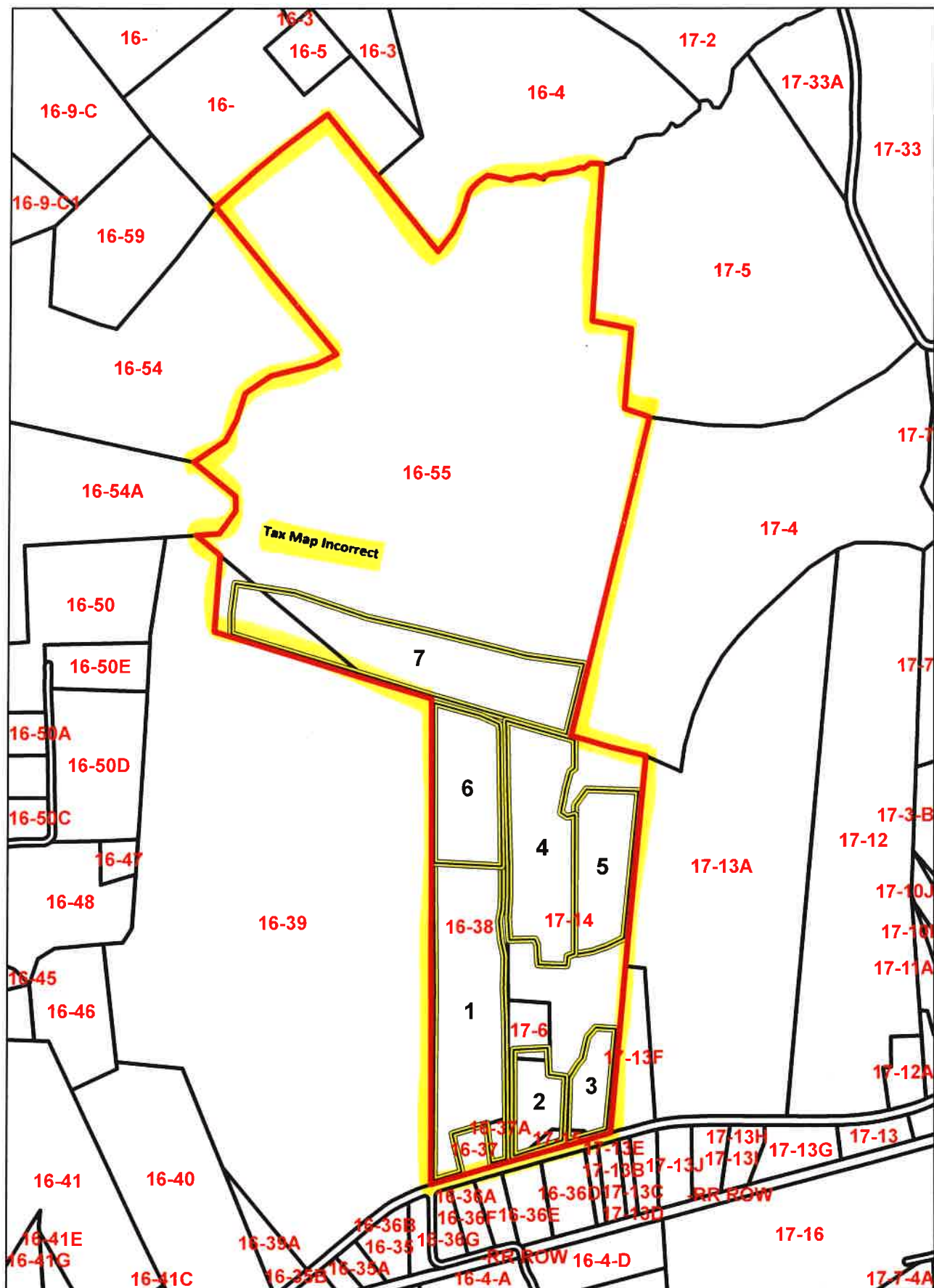
1 in = 1 miles



8-7-20

Vicinity Map

1 in = 1 miles



Tax Map Incorrect

7



DWHWH



8-7-20

Tax Map

1 in = 660 feet



DWHWH



8-7-20

Tax Map

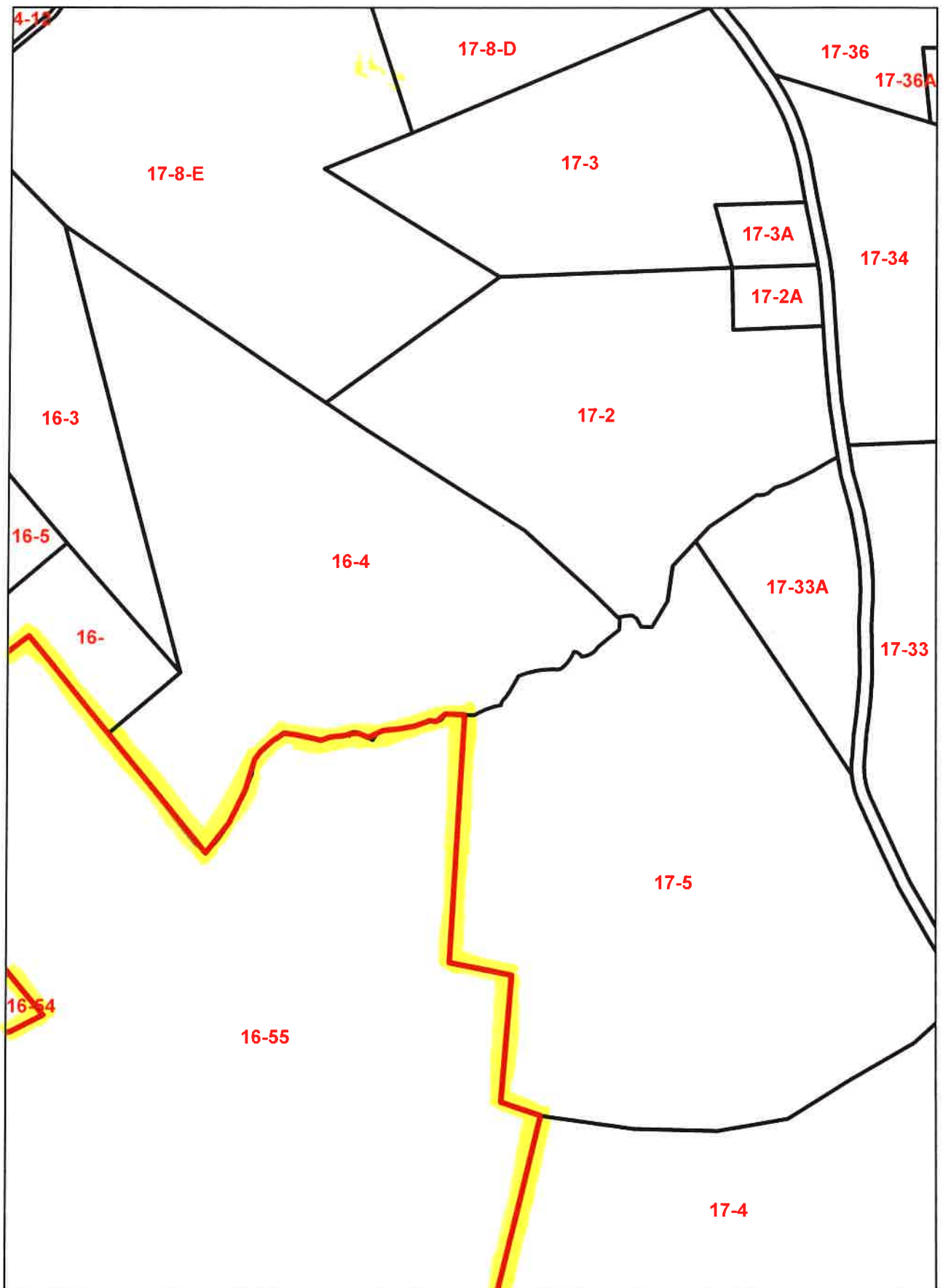
1 in = 660 feet



Recyc Systems
Inc.

Herman W. Harrison

DWHWH



02-2-8

Tax Map

1 in = 660 feet



DWHWH



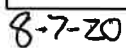
8-7-20

Tax Map

1 in = 660 feet



DWHWH



Tax Map

1 in = 660 feet





DWHWH



8-7-20

Tax Map

1 in = 660 feet

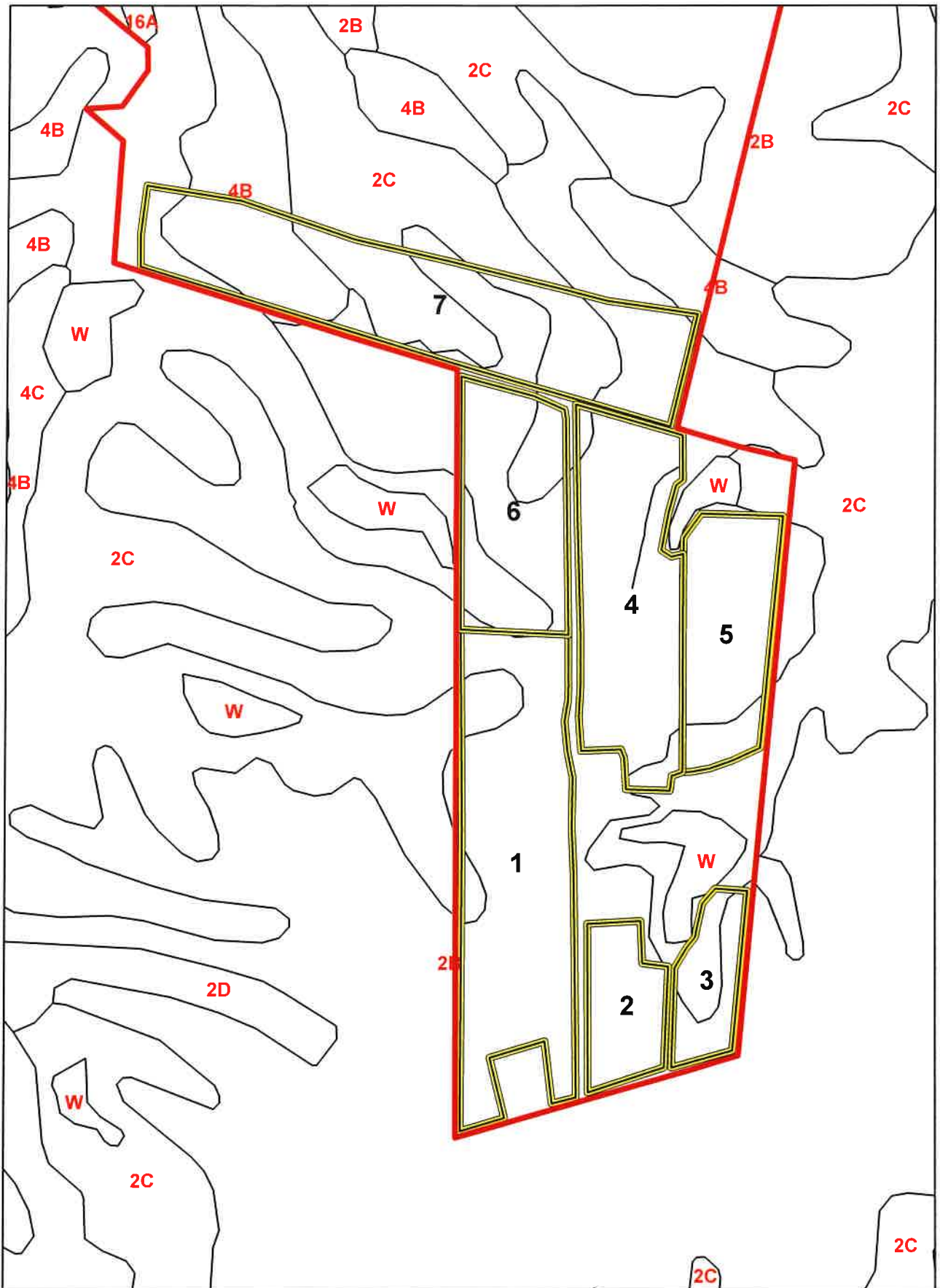
ADJOINING LANDOWNERS

Herman W Harrison

Dinwiddie

Tax Map	Parcel #	Owner Name(s)
16	9-C	Samuel L Richardson Jr & Michelle Willson
	9-C1	Samuel L Richardson Jr & Michelle Willson
	13-2	Steven C & Barbara Hearin
	13-4	Thomas W & Martha D Floyd
	36A	Janice A Simpson
	36D	Shirley Mitchell Stanfield
	36E	Danpoedell Inc
	36F	Alice T Hanshaw
	36G	Brad A or Ashley B Perkinson
	39	Common Wealth Of Virginia
	54	Samuel L Richardson Jr & Michelle Willson
	54A	Cynthia Smith Walk
17	2	Leonard Hartle & Margaret L Cook
	4	Tiaa Timberland 1 LLC C/O Greenwood Resources Inc
	13A	Sandre L Callis
	13C	Shirley Mitchell Stanfield
	13D	Shirley Mitchell Stanfield
	13F	Sandra C Dance
	33	Reamstead Farm LLC
	33A	Gregory E Conley
46	47	Blackstone Timber Company Inc C/O George Allen Rosgdale
59	6-B	Alice D Davis
	6-C	Veronica M Evens C/O Theresa Evans
	6-D	James M Evans
	24	Les W Wingfield
	28B	Timothy D Ogburn
	29B	Herman L & Thomas S Ampy
	29C	Theresa P Evans
60	1	Franklin Brad Williams
	2	Carmencita C Stewart
	3	Scanlon Rebecca Harding Chambers
	5-3A	Joseph J Sr & Dorthy W Beasley
	6	Carmencita C Stewart

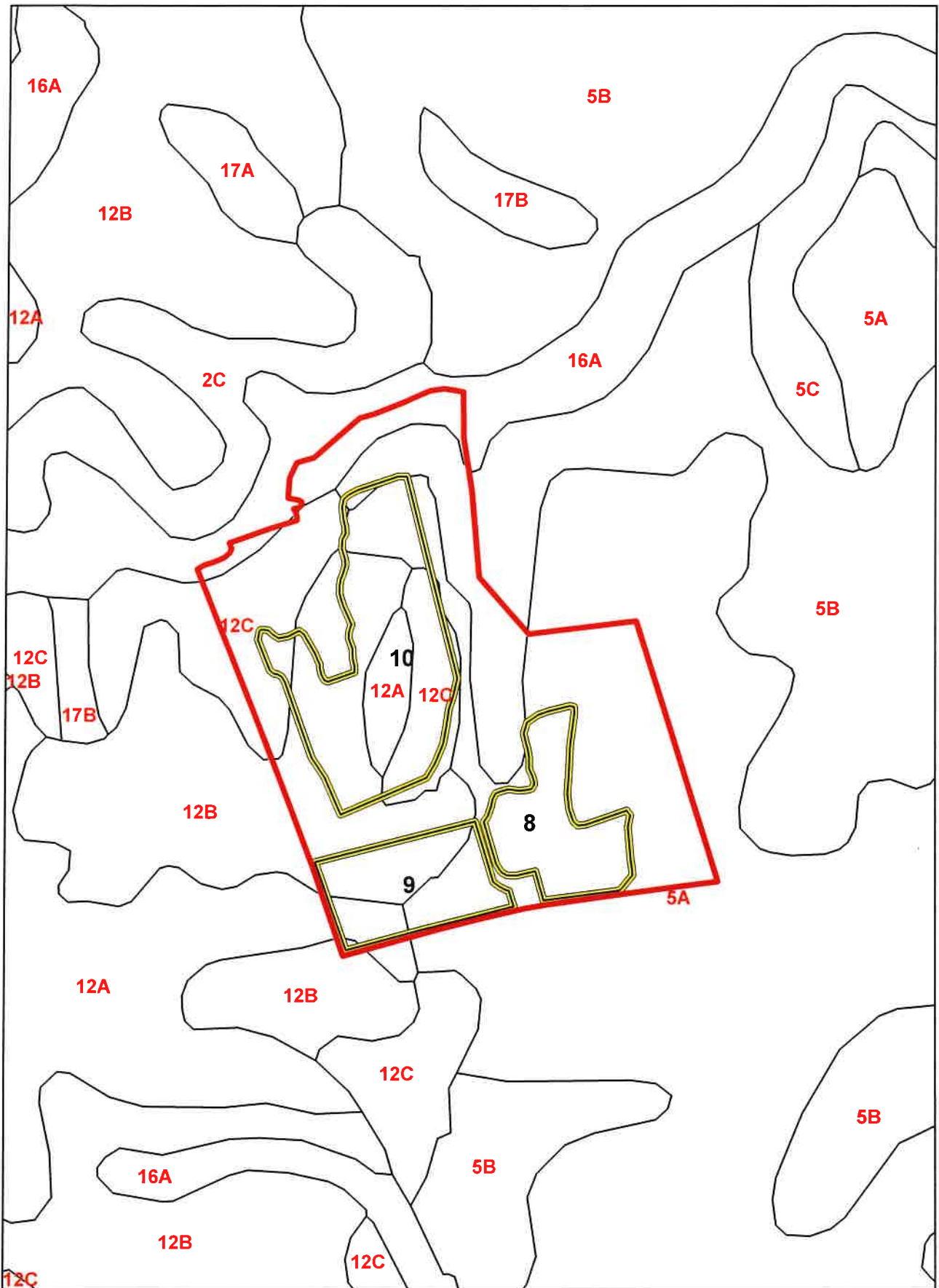
Tax Map	Parcel #	Owner Name(s)
69	24A	Broadys M & Mary G Wynn
	24B	Charles R & Dorthy L Beasley
	24C	Rossy C & Williana R Beasley
	24D	Stanley T & Eva M Parham
	26	James M Hardee & Larry Pilkington & Robert E Hodcox Jr & Tony M Brown
	28	James M Hardee & Larry Pilkington & Robert E Hodcox Jr & Tony M Brown
	33A	James M Hardee & Larry Pilkington & Robert E Hodcox Jr & Tony M Brown
	21	Harry I & Barbara W Whelan
	21A	Harry I & Barbara W Whelan
	22B	Timothy D or Mary E Rider
82	25	Randy T & Carolyn E Slaughter
	25A	Randy T Slaughter
	25B	Robert Mitchel Lewis
	26	BTG Pactual OEF Property
	27	Mandy B Perkinson
	28	John D & Rebecca L Millirons



8-7-20
Frequently
Flooded

Soil Map

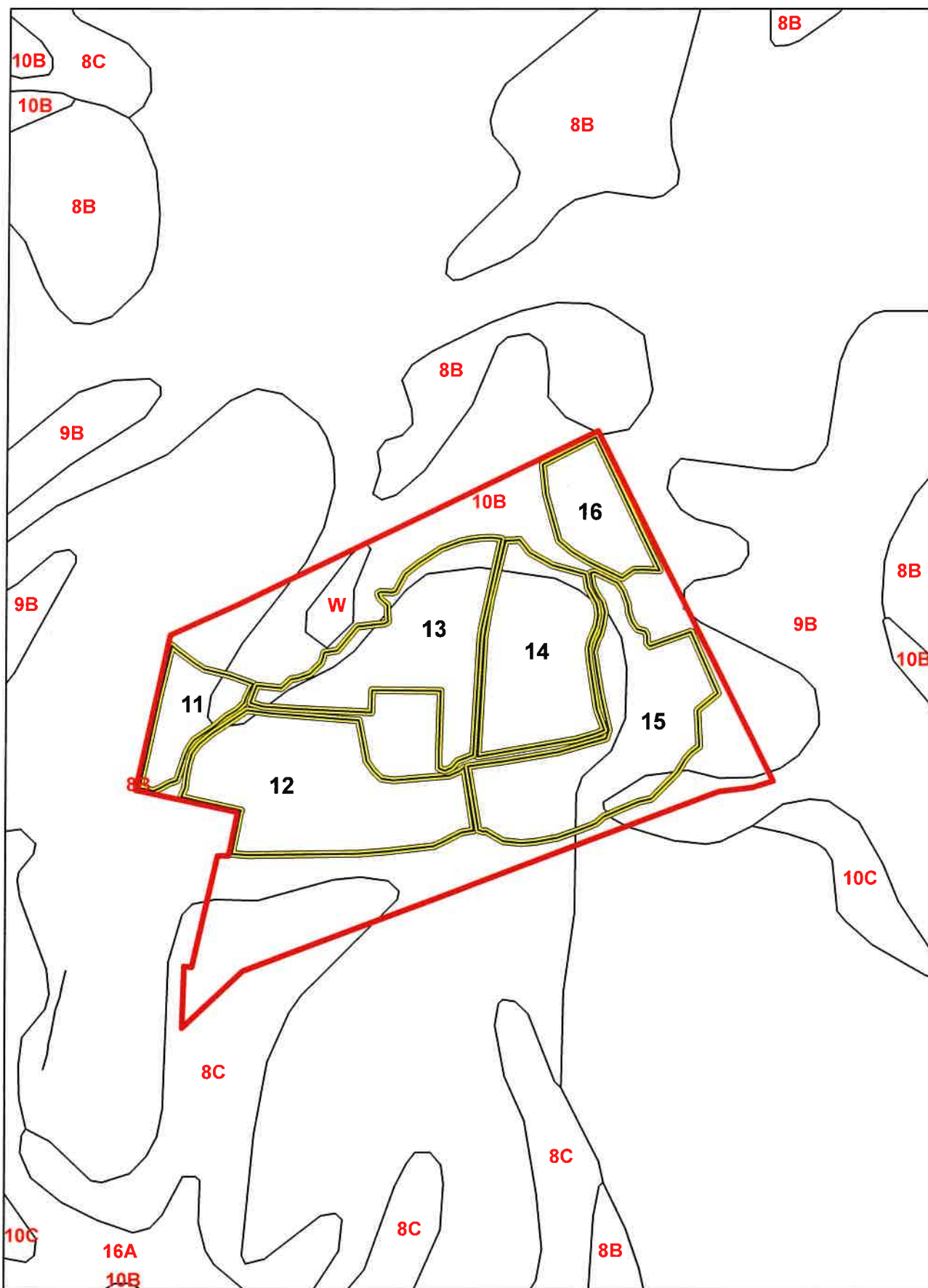
1 in = 660 feet



6-7-20
 Frequently
Flooded

Soil Map

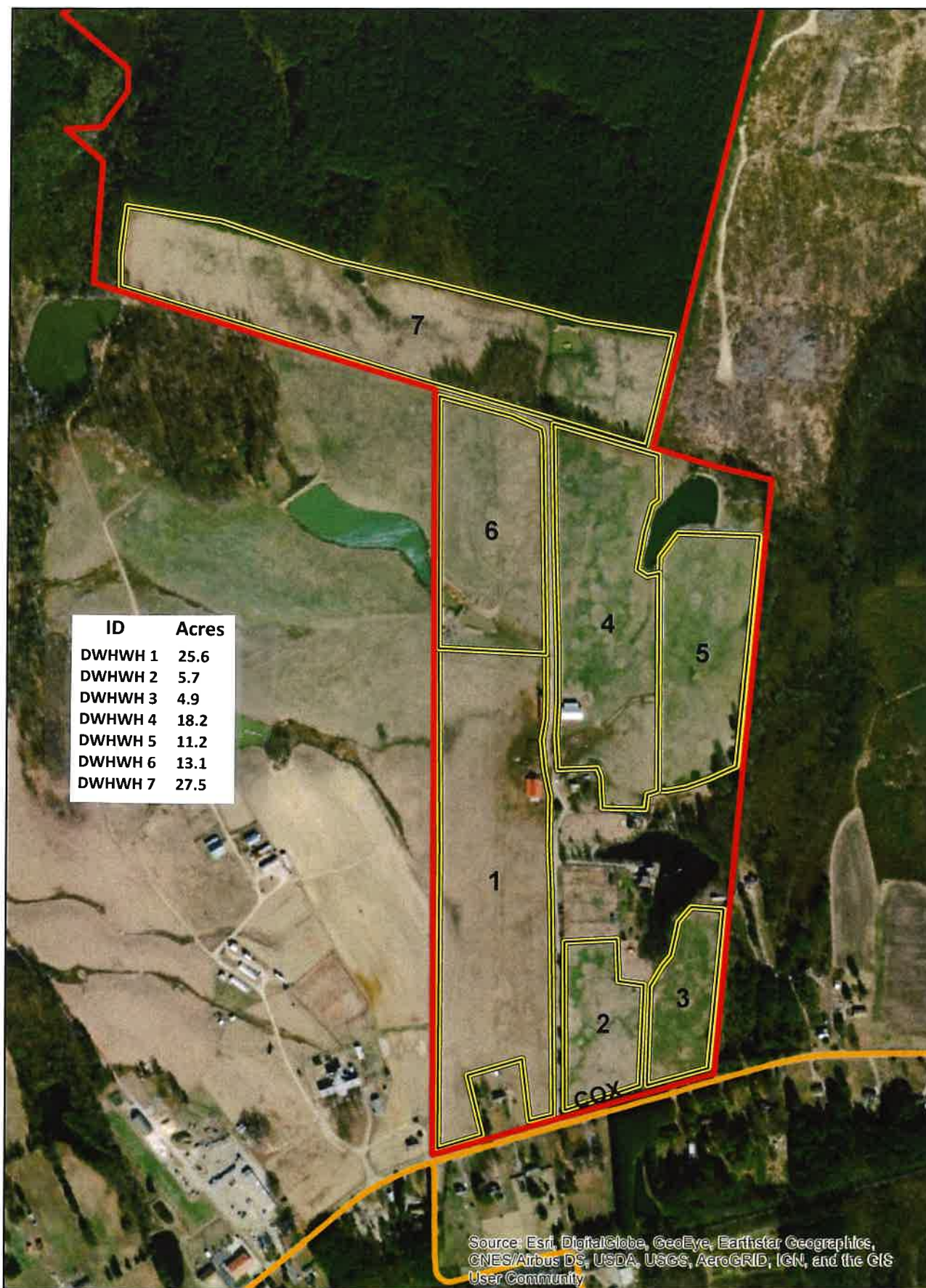
1 in = 660 feet



6-7-20
 Frequently
Flooded

Soil Map

1 in = 660 feet



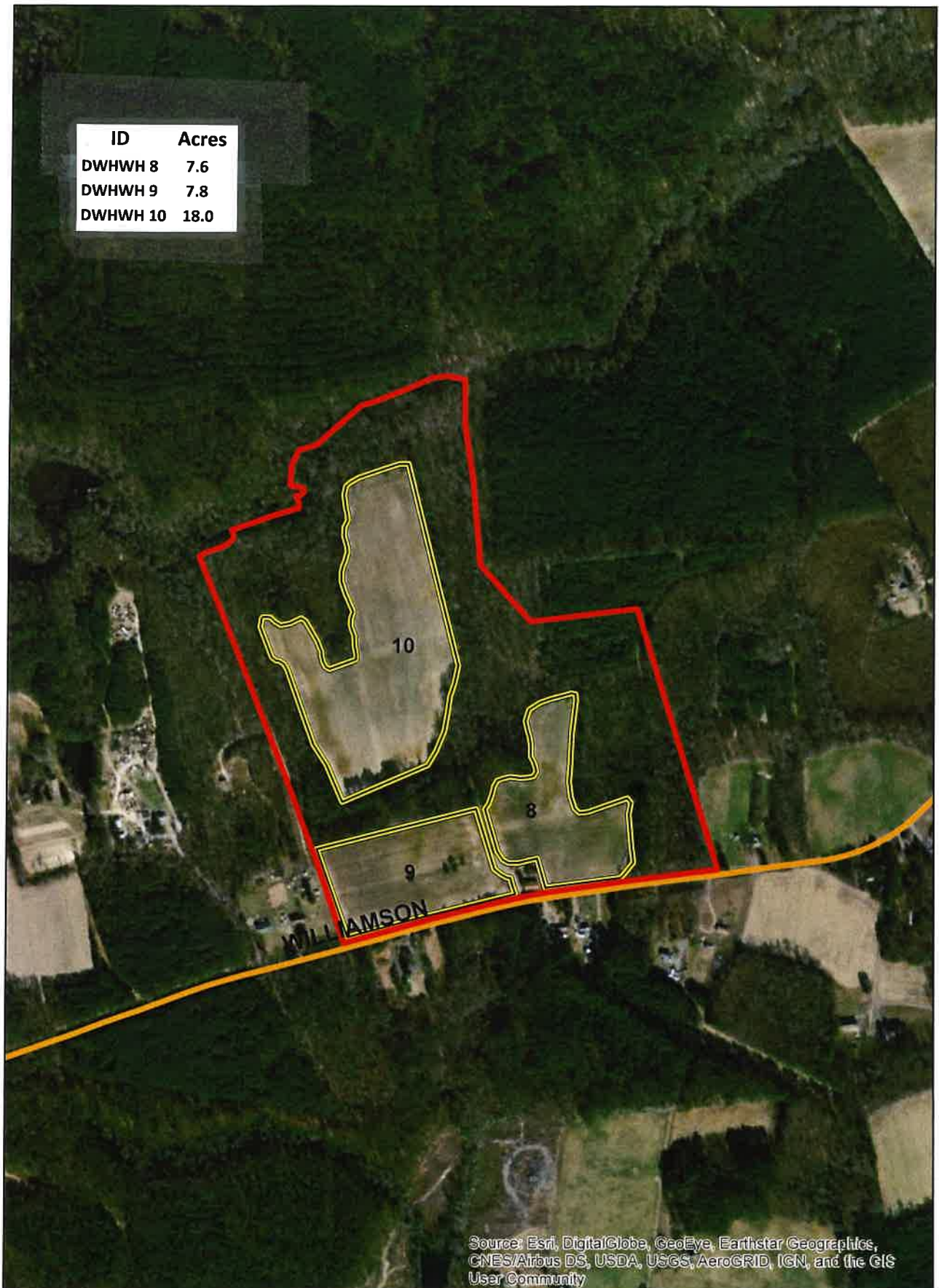
8-7-20

Aerial Map

1 in = 660 feet



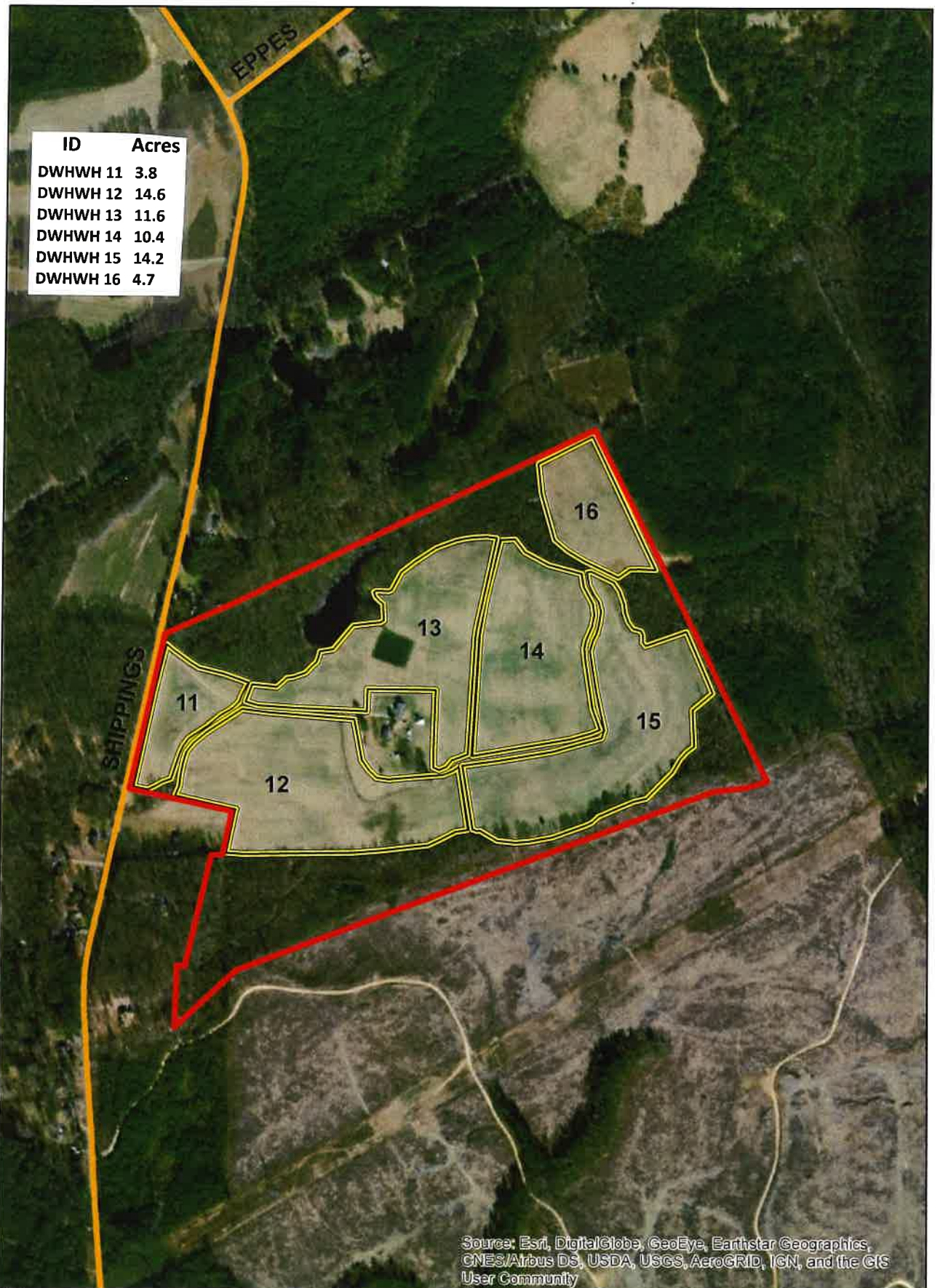
ID	Acres
DWHWH 8	7.6
DWHWH 9	7.8
DWHWH 10	18.0



6-7-20

Aerial Map

1 in = 660 feet



8-7-20

Aerial Map

1 in = 660 feet



United States
Department of
Agriculture

Dinwiddie County, Virginia

Farm 4448

Tract 1709

2020 Program Year

Map Created June 03, 2020

Common Land Unit

- Non-Cropland
- Cropland
- Tract Boundary

Wetland Determination
Identifiers

- Restricted Use
- Limited Restrictions
- Exempt from Conservation
- Compliance Provisions

Tract Cropland Total: 42.05 acres



United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).

Farm 4448

Tract 1647

2020 Program Year

Map Created June 03, 2020

Common Land Unit

- Non-Cropland
- Cropland
- Tract Boundary

Wetland Determination Identifiers

- Restricted Use
- Limited Restrictions
- Exempt from Conservation
- Compliance Provisions

Tract Cropland Total: 47.70 acres



United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).

Farm 4629

Tract 3195

2020 Program Year

Map Created June 03, 2020

Common Land Unit

- Non-Cropland
- Cropland
- Tract Boundary

Wetland Determination Identifiers

- Restricted Use
- Limited Restrictions
- Exempt from Conservation
- Compliance Provisions

Tract Cropland Total: 20.55 acres



United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).



United States
Department of
Agriculture

Dinwiddie County, Virginia

Farm 4629

Tract 2111

2020 Program Year

Map Created June 03, 2020

Common Land Unit

- Non-Cropland
- Cropland
- Tract Boundary

Wetland Determination Identifiers

- Restricted Use
- Limited Restrictions
- Exempt from Conservation
- Compliance Provisions

Tract Cropland Total: 13.12 acres



United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS)



United States
Department of
Agriculture

Dinwiddie County, Virginia

Farm 4517
Tract 669

2020 Program Year
Map Created June 03, 2020

Common Land Unit

- Non-Cropland
- Cropland
- Tract Boundary

Wetland Determination
Identifiers



- Restricted Use
- Limited Restrictions
- Exempt from Conservation
- Compliance Provisions

Tract Cropland Total: 57.00 acres

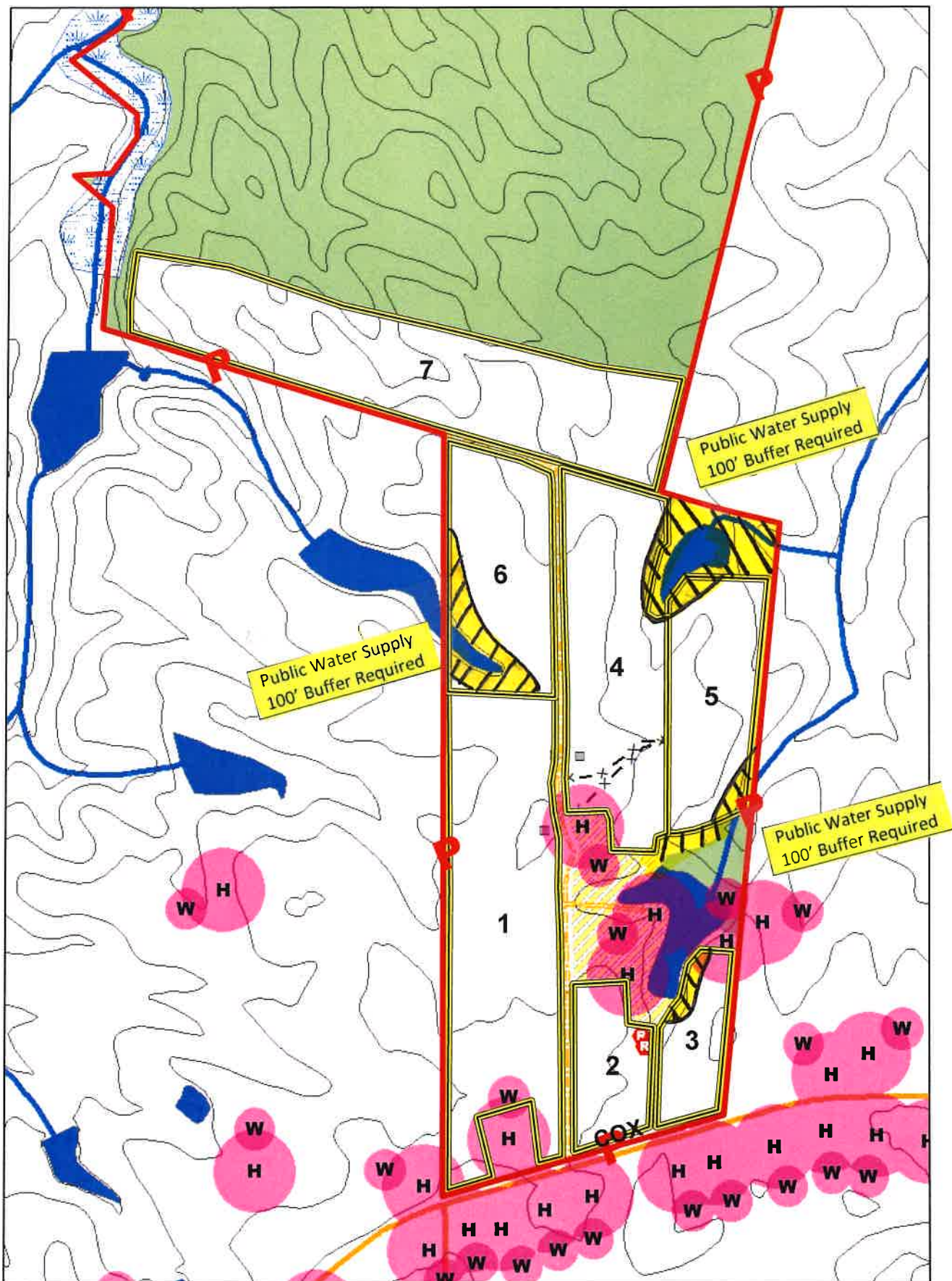


United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).

Legend For Site Plan

Symbol	Feature	Minimum Setback
	House and Well	200 feet from occupied dwelling * 100 feet from water supply wells or springs
 	Well or Spring	100 feet from water supply wells or springs
	Streams or Surface Water	35 feet with 35 foot vegetated buffer 100 feet without vegetated buffer
	Wet Spot	
	Trees and Woods	
	Private Drive	
	Rock Area/Rock Outcrop	25 feet from rock outcrops 50 feet from limestone rock outcrops
	Severely Eroded Spot	18 Inch minimum depth of soil
  	Sink Hole	100 feet from open sinkholes 50 feet from closed sinkholes
	State Road	10 feet from side of roadway
	Fence / Field Boundary	
	Property Line	100 feet from property line *
 	Slope	15% maximum
	Hashed out Area	No application

*Buffer can be reduced or waived upon written consent from landowner.



8-7-20

Site Plan

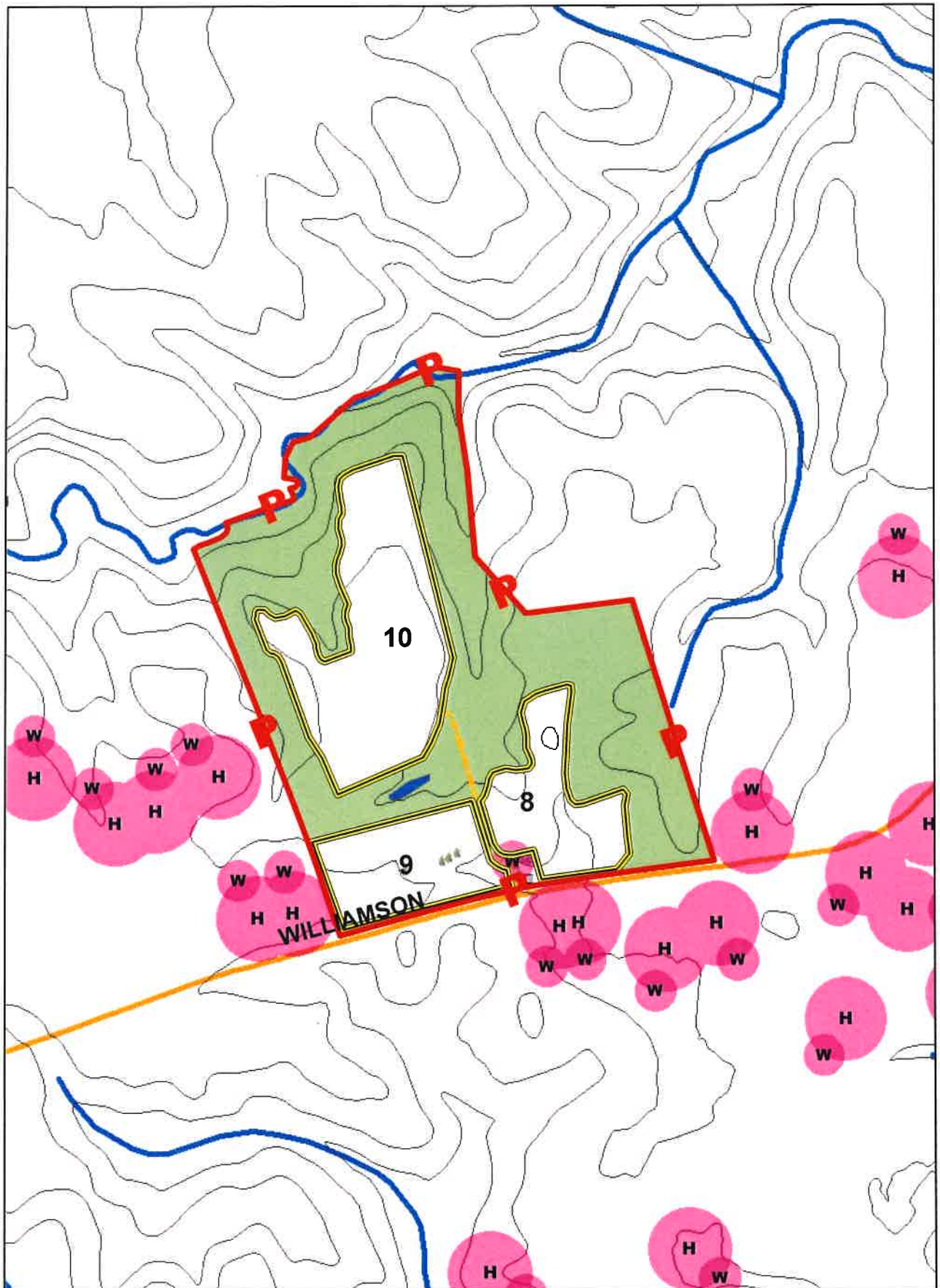
1 in = 660 feet



Recyc Systems[®]
Inc.

Herman W. Harrison

DWHWH



8-7-20

Site Plan

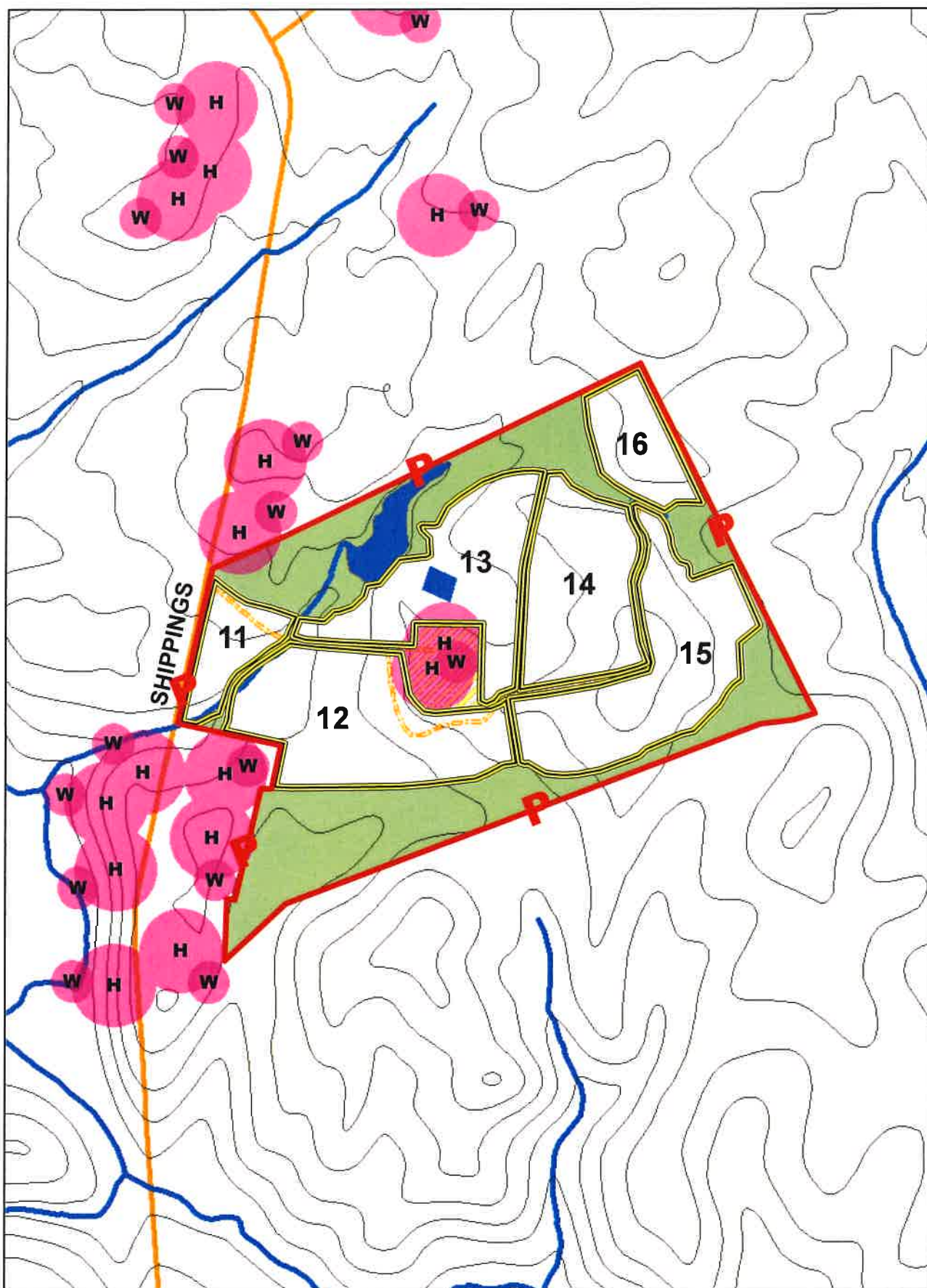
1 in = 660 feet



Recyc Systems[®]
Inc.

Herman W. Harrison

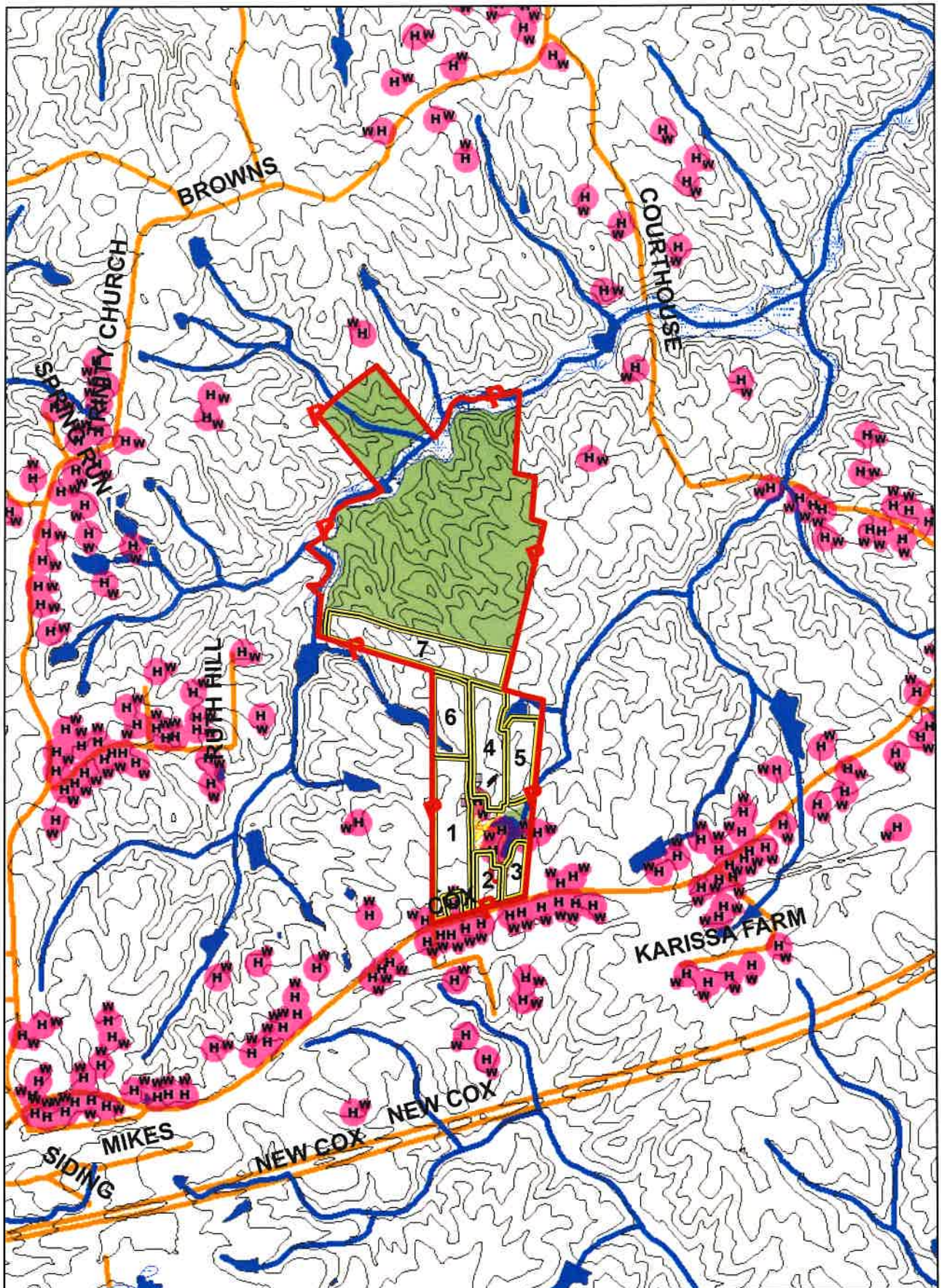
DWHWH



8-1-20

Site Plan

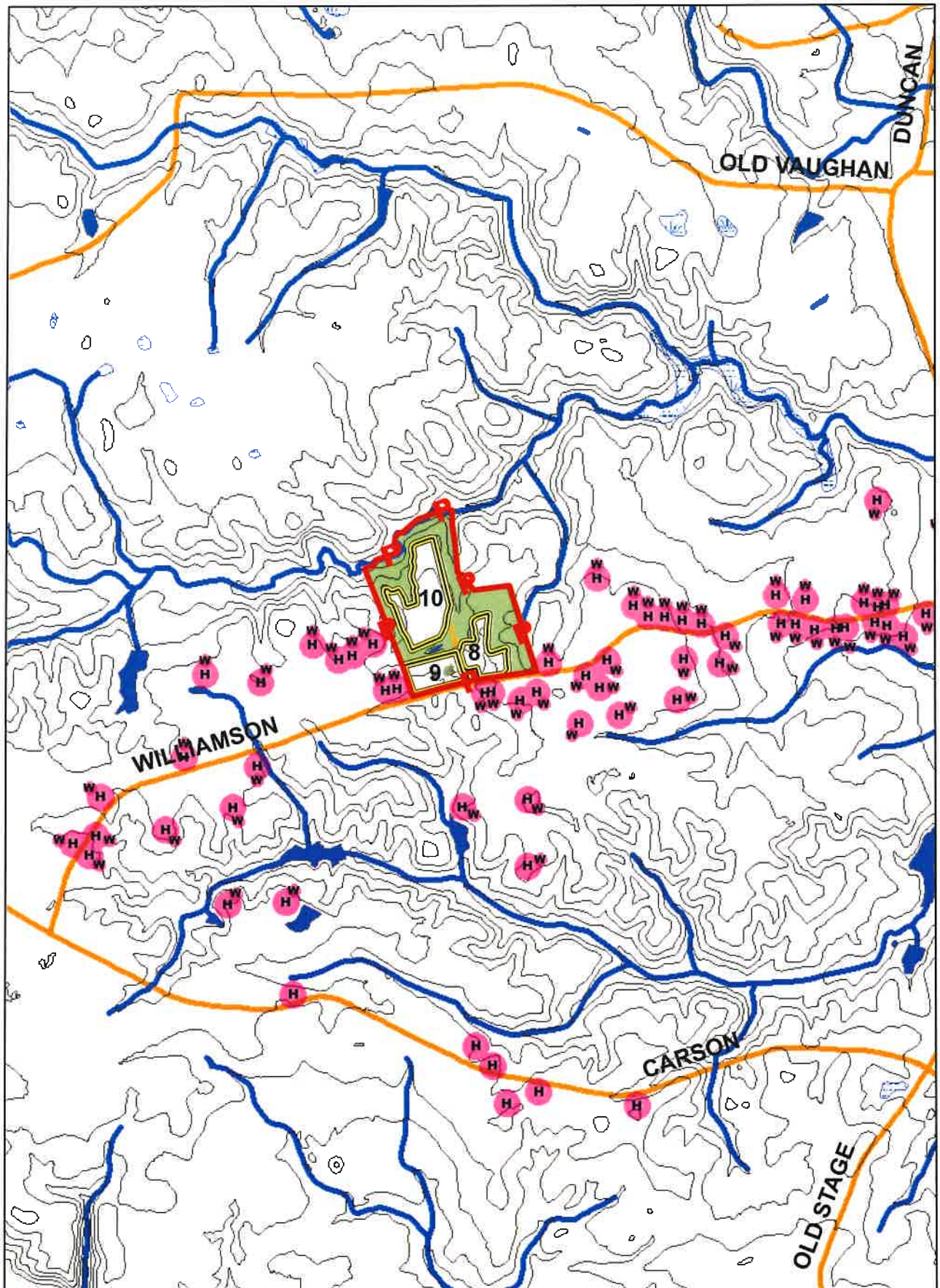
1 in = 660 feet



8-7-20

Topographic Map

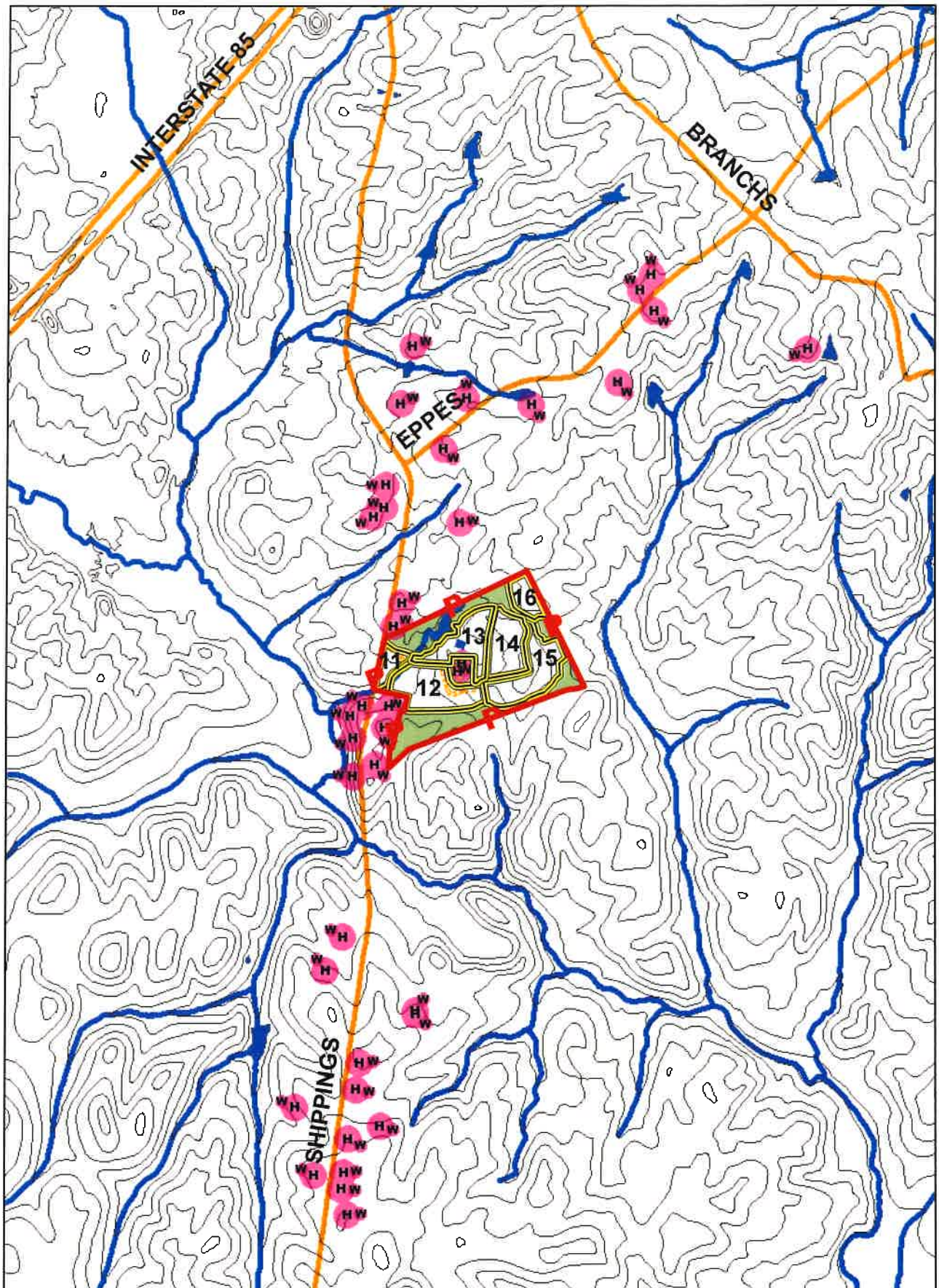
1 in = 2,000 feet



8-7-20

Topographic Map

1 in = 2,000 feet



8-7-20

Topographic Map

1 in = 2,000 feet